Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION

Attorney Docket No.		4015-5139	
First In	ventor or Appli	cation Identifier	Paul W. Dent
Title	MULTI-STAGE CDMA SYNCHRONIZATION WITH PARALLEL EXECUTION		

**TRANSMITTAL** (Only for new nonprovisional applications under 37 CFR § 1.53(b)) Express Mail Label No. EV016668852US

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See MPE	APPLICATION ELEMENTS  P chapter 600 concerning utility patent application contents.		ASSISTANT Commissioner for Patents  Box Patent Application Washington, DC 20231
(Su	ee Transmittal Form (e.g., PTO/SB/17)  ubmit an original and a duplicate for fee processing)  ecification [Total Pages 31]	6. 7.	Microfiche Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy)
(pro	referred arrangement set forth below)		a. Computer Readable Copy
	Descriptive title to the Invention		b. Paper Copy (identical to computer copy)
	Cross References to Related Applications		c. Statement verifying identity of above copies
	Statement Regarding Fed sponsored R & D Reference to Microfiche Appendix		ACCOMPANYING APPLICATION PARTS
	Background of the Invention	<del></del>	
l .	Brief Summary of the Invention	8.	Assignment Papers (cover sheet & document(s))
	Brief Description of the Drawings (if filed)	9.	37 C.F.R. § 3.73(b) Statement Power of Attorney (when there is an assignee)
	Detailed Description	10.	English Translation Document (if applicable)
1	Claim(s)	111.	Information Disclosure Copies of IDS
	Abstract of the Disclosure	1	Statement (IDS)/PTO-1449 Citations
	awing(s) (35 U.S.C. 113) [Total Sheets 6]	12.	Preliminary Amendment
	Dath or Declaration [Total Pages 2]	13.	Return Receipt Postcard (MPEP 503)
a. 🗆	Newly executed (original or copy)		(Should be specifically itemized)
l ь. 🗖	• · · · · · · · · · · · · · · · · · · ·	14.	statement filed in prior application,
_	(for continuation/divisional with Box 17 completed)		Statement(s) Status still proper and desired
	[Note Box 5 below]	15.	Certified Copy of Priority Document(s)
i.	DELETION OF INVENTOR(S)	ľ	(if foreign priority is claimed)
	Signed statement attached deleting	16.	Other: Express Mail Certification
	inventor(s) named in the prior application,		PTO-892 (2 sheets) (copy from 09/236,083)
	see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).		
5.	corporation By Reference (useable if Box 4b is checked)	İ	*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE
	e entire disclosure of the prior application, from which a	1	ENTITLED TO PAY SMALL ENTITY FEES, A SMALL
сор	py of the oath or declaration is supplied under Box 4b,	1	ENTITY STATEMENT IS REQUIRED (37 C.F.R.
is c	considered as being part of the disclosure of the	1	§ 1.27), EXCEPT IF ONE FILED IN A PRIOR
acc	companying application and is hereby incorporated by		APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).
refe	erence therein.		
17. If a CON	NTINUING APPLICATION, check appropriate box and su	pply the	ne requisite information below and in a preliminary statement:
	Continuation Divisional Continuation-		
_	ior application information: Examiner: Ha, Da		Group/Art Unit: 2634
<b> </b>	18. CORRESPO		
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Custome	er Number or Bar Code Label		or [_] Correspondence address below
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NAME	PATENT TRADEMA	K OFFICE	CE
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ADDRESS			
CITY		STATI	TE ZIP CODE
COUNTRY	TELL	PHON	
Name (Print/Ty	(ne) Edward Horgen III		Registration No. (Attorney/Agent) 42,604
Signature	Edwardh Seems		
Signature	Chromy Steel		- Date June 23, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



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FEE TRANSMITTAL	Complete if Known		
Patent fees are subject to annual revision on October 1	Application Number	ТВА	
These are the fees effective December 29, 1999.	Filing Date	ТВА	
Small Entity payments must be supported by a small entity statement.	First Named Inventor	Paul Dent	
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name	ТВА	
See 37 C.F.R. §§ 1.27 and 1.28.	Group Art Unit	ТВА	
TOTAL AMOUNT OF PAYMENT (\$)750.00	Attorney Docket No.	4015-5139	
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1.  \( \sum \) The Commission is hereby authorized to charge indicated fees and credit any over payments to:    Applition   Large   Entity   Small   Entity   Fee   Fee   Fee   Fee   Fee   Code   (\$)	j				
indicated fees and credit any over payments to:    Large   Fee   F	d				
Deposit Account Number  Deposit Account Name  Coats & Bennett, P.L.L.C.  Charge Any Additional Fee Required Under 37 CFR §§1.16 and 1.17  Payment Enclosed:  Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	d 				
Account Number    18-1167	_,				
Number  Deposit Account Name  Coats & Bennett, P.L.L.C.  Name  Charge Any Additional Charge the Issue Fee Set in Fee Required Under 37 CFR §1.18 at the Mailing of the 37 CFR §\$1.16 and 1.17  Payment Enclosed:  105 130 205 65 Surcharge - late filing fee or oath 227 25 Surcharge - late provisional filing fee or cover sheet 25 Surcharge - late provisional filing fee or cover sheet 25 Surcharge - late provisional filing fee or cover sheet 27 Surcharge - late provisional filing fee or cover sheet 27 Surcharge - late filing fee or oath 28 Surcharge - late filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late provisional filing fee or oath 29 Surcharge - late	<b>-</b> ,				
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Name    147   2,520   147   2,520   For filing a request for reexamination	7				
Charge Any Additional Fee Required Under 37 CFR §1.18 at the Mailing of the 37 CFR §\$1.16 and 1.17  Charge the Issue Fee Set in Notice of Allowance  113 1,840* 113 1,840* 113 1,840* 115 110 215 55 Extension for reply within first month 116 380 216 190 Extension for reply within second month					
Charge Any Additional  Charge the Issue Fee Set in Fee Required Under 37 CFR §1.18 at the Mailing of the 37 CFR §§1.16 and 1.17  Notice of Allowance  113 1,840* 113 1,840* Requesting publication of SIR after Examination action 115 110 215 55 Extension for reply within first month 116 380 216 190 Extension for reply within second month					
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Check Money Order Other 118 1,360 218 680 Extension for reply within fourth month	$\Box$				
FEE CALCULATION 128 1,850 228 925 Extension for reply within fifth month					
1. BASIC FILING FEE 119 300 219 150 Notice of Appeal					
Large Entity Small Entity 120 300 220 150 Filing a brief in support of an appeal	<b>⊣</b> !				
Fee Fee Fee Fee Description Fee Paid 121 260 221 130 Request for oral hearing					
Code (\$) Code (\$)   138 1,510 Petition to institute a public use proceeding   140 110 240 55 Petition to revive - unavoidable	— I				
700.00 P. 114					
100 510 200 135 Design ming ree	$\dashv$ !				
107	$\dashv$ $!$				
114 150 214 75 Provisional filing fee 144 580 244 290 Plant issue fee	$\dashv$ !				
	<b>⊣</b> /				
2. EXTRA CLAIM FEES 123 50 123 50 Petitions related to provisional applications	<u> </u>				
Fee from	_				
Extra Claims below Fee Paid 581 40 581 40 Recording each patent assignment per property (times number of properties)					
Total Claims 15 -20** = 0 X 18.00 = 0 146 760 246 380 Filing a submission after final rejection					
Independent 2 -3** = 0 X 84.00 = 0 (37 CFR 1.129(a))					
Claims 149 760 249 380 For each additional invention to be	7				
Multiple Dependent Claims = examined (37 CFR 1.129(b))					
** or number previously paid, if greater; For Reissues, see below  Large Entity Small Entity	<b>一</b> 」				
Fee Fee Fee Fee Description Other fee (specify)	一				
Code (\$) Code (\$)	ا لـــ				
103 18 203 9 Claims in excess of 20 Other fee (specify)	— J				
102 78 202 39 Independent claims in excess of 3					
over original patent *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0					
110 18 210 9 **Reissue claims in excess of 20					
and over original patent					
SUBTOTAL (2) (\$) 0					

SUBMITTED BY			Complete (if applicable)		
Typed or Printed Name	Edward H. Gr en, III			Reg. Number	42,604
Signature	Edward H Drews	Date	June 23, 2003	Deposit Account User ID	18-1167

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)
Dent	)
Serial No	) Express Mail C rtification ) Lab I N . EV016668852US
Filed:	) Lab IN . EV01000005205
For: MULTI-STAGE CDMA SYNCHRONIZATION WITH PARALLEL EXECUTION	) ) )
Attorney's Docket No. 4015-5139	)
	Raleigh, North Carolina
	June 23, 2003

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## EXPRESS MAIL CERTIFICATE LABEL NO. EV016668852US DATE MAILED: June 23, 2003

I hereby certify that the enclosed Utility Patent Application Transmittal for a Divisional Application, Fee Transmittal Form (2 copies), specification and claims (copy from 09/236,083), drawings (1 set of 6 sheets) (copy from 09/236,083), Declaration and Power of Attorney (copy from 09/236,083), Information Disclosure Form (2 sheets) (copy from 09/236,083), Form PTO-892 (2 sheets) (copy from 09/236,083), and our Check #9463 in the amount of \$750.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

**COATS & BENNETT, P.L.L.C.** 

By:

Edward H. Green, III Registration No. 42,604

Telephone: (919) 854-1844